February 21, 2002

BWX TYMES

An employee newsletter from the Y-12 National Security Complex

Volume 2, Number 8

Assembly's "stars" shine brightly during startup activities

Y-12 recently received approval to begin disassembly operations for the W56 program, which was a significant accomplishment for the Y-12 National Security Complex.

While the start-up of disassembly operations is big news for Y-12, there is, of course, more to this story than what makes headlines. There also is more to this story than the significance of the operations. The "heart" of this story and, indeed, the "heart" of Y-12 lies in the dedication of its employees.

Assembly Organization Manager Pat Fortune was excited the day she received the authorization agreement. When discussing the effort, however, she is quick to focus on the "stars of the show."

Fortune talked about the dedication of the project team—Elliott Barnett, Malinda Conger, Lynn Glover, Dennis Hackworth, Jim Hackworth, Robert Heydasch, John Maldonado, Chris McCollister, David Miller, Steve Mitchell, Jerry Ooten, Wayne Patrick, Richard Reynolds and Mary Runkles—as key to the success of this effort.

Asked for his perspective on the approval of start-up activities, Dennis Hackworth said modestly, "I think we kind of proved ourselves."

Hackworth said the project team knew how important this activity was to Y-12, and he is quick to give credit to management for committing to the start-up and allowing the time for the crew to work through the process.

"We got to go through the R&D rather than just being handed a procedure. We worked hand in hand with the engineers on testing the equipment before we had to use it. We worked closely with the engineers on the front end of the process rather than on the back end," Hackworth said.

He believes this commitment paid off because the team had ownership of the project. He also indicated that "it (start-up authorization) took longer because we did it right."

While the success of this operation is something to celebrate, did the team learn anything that can be shared across the plant? Absolutely. In fact, Fortune said, "If we share what we've learned, it can only make our lives easier." Fortune is talking not only about sharing those lessons learned across Y-12 but across the weapons complex.

Management commitment and lessons learned are valuable tools for achieving objectives, but there is one tool that is indispensable—the dedication of Y-12 employees. Fortune summed it up by saying, "they never lost enthusiasm" for getting the job done and done right.

Disassembly start-up project team members included, from left, front row, Dennis Nabors, Jack McCollister, David Miller, Steve Mitchell and Elliott Barnett; second row, Richard Reynolds, Bob Heyadasch, Wayne Patrick, Jerry Ooten, Dennis Hackworth, John Maldonado and Lynn Glover.

First group graduates from BWXT Y-12 Mentoring Program

Andrea Zava of Y-12 Product Certification serves as a mentor to Ngina Padgett, a chemical engineer in manufacturing technical support. Both were participants in the first class of the new BWXT Y-12 Mentoring Program. See page 2 for the whole story.

Mentoring Program strengthens Y-12 skills set

The 27 members of BWXT Y-12's first mentoring program were recognized with a recent graduation ceremony after having completed the 6-month formal program.

Y-12's mentoring program is focused on experienced employees listening, coaching, advising and encouraging less-experienced employees.

Graduates and their mentors for the first BWXT Y-12 mentoring program are, from left, front row, Bill Matthews, Ngina Padgett, Julie Gamble, Lakeisha Hogue, Bobby Currier, Casey Benzel, Ryan Conaster and Allen Moore; second row, Larry Finley, Andrea Zava, Don Coffey, Janice Atwater and Rick Lewis; third row, Robert Johnson, Susan Howell, Bernard Phiefer, Bill Heineken, David Richardson, Kim Grubb, Michelle Reichert, David Hugus, Jim Walls and Brian Bringle.

The program was piloted in the summer and fall of last year.

Y-12 intends to use the program as part of its efforts to recruit and retain employees in order to meet specific skills needs in the future.

The first Mentoring Program session consisted of new employees paired with an experienced employee with the objective of providing job acclimation, sharing skills and knowledge and helping with personal growth and career planning.

Andrea Zava of Y-12 Product Certification, served as a mentor to Ngina Padgett, a member of the mentor program class. Zava said the program is a good step in the right direction for Y-12 to encourage and nurture less-experienced employees. "It's a good program. Interacting with new employees energizes me. They are excited, and that makes you excited. There are some things we can do better with the program in the future, but it is a great start."

Padgett, a chemical engineer in manufacturing technical support, said the mentoring program "gave me an opportunity to learn more about Y-12 and how I fit into the 'big picture.' I have established relationships that will be instrumental in my career growth. Andrea was very supportive, and she helped me learn to cope with some areas of Y-12 that can be intimidating to new and less-experienced employees."

Mary Benton is the program manager. In addition to Zava, mentoring council members are Susan Alexander, Jim Barnes, Mark Martin, Alan Moore, Emily Nunn, Deborah Reed, Michelle Reichert, Beth Sliski and Doyle Turner. The Mentoring Program is a human resources employee development program that is part of the Training and Recruitment Enhances Effectiveness (TREE) initiative.

Graduates and their mentors in the left photo are, from left, front row, Michelle Williams, Brandy King, LesLee Stinson, Demetra Douglas, Chris Hammonds, David Henderson, Jason Bullock, Kevin Shay, Bob Riepe and Steve Litherland; second row, Rose Smith, Tommy Dotson, Rudy Escher, Sharon Wagner, Vincent Lamberti, Craig Baker, Mike Elmore, Brad White, Jim Fowler, Scott Underwood, Chad Langford, Robin Texter, Jared Powell, Bryant Bowden and Jack Jones.

New employees get off to a good start

Imagine that you have just been hired for a new job. You arrive enthusiastic and excited for work on your first day, and you are guided to a room full of books. As you examine the books, you realize that they are full of procedures. You are told that until your security clearance arrives in six months or so, your job is to read procedures. Every day. All day. Not exactly an ideal start.

This is just the kind of scenario that the Job Rotation Program was created to avoid. Y-12 is in the hiring business again. Many of the "new hires" are designated for critical skills jobs, located in the west end and requiring a "Q-level" security clearance. Personnel in Human Resources have discovered that making the most of the talents of these newest employees takes some creativity. Thus, the quest to present new hires with challenging, meaningful work has led to the institution of the Job Rotation Program.

Under the program, new hires awaiting clearances are assigned to different "sponsor" organizations to help out with activities that don't require a clearance during their initial period of employment. This program is expected to drastically increase employee satisfaction during their first few months on the job.

"It truly is a win-win situation," says program coordinator Mary Benton. "Our new employees are challenged and get to make valuable contributions while learning different aspects of our operations. And sponsoring organizations get extra help with projects."

And the best part for Y-12 organizations? The new hires are on the Human Resources payroll while they wait for clearance.

"We've got some of the best and brightest young minds coming to work at Y-12, and this program allows organizations access to this resource without hurting their budget."

As Y-12 continues to hire new workers, the Job Rotation Program will be looking for new sponsor organizations. If you have a project that could benefit from this type of help (and benefit the new hire), call Benton at 574-0843 for more information.

Newest deputy general manager uses his past experience to benefit Y-12's future

Gregory Baker has joined BWXT-Y-12 as the deputy general manager for programs. Baker, with more than 30 years of technical and management experience in the manufacturing, nuclear and engineering environments, has a long record of experience in leading large, complex projects and contracts within the Department of Energy and the National Nuclear Security Administration environment.

Baker recently sat down with BWX TYmes editors and discussed his role at Y-12 and what he sees in the future for the site.

Q: Tell us about your background.

A: When I look back on it, my career has been about managing change. My last assignment was as vice president of BWXT Services where I was responsible for new business development. We were successful at landing a contract at Los Alamos and started pursuing work at the Department of Defense. I've also held the position of president of Lockheed Martin Utility Services Company, where I worked with the U.S. Enrichment Corporation to manage the Portsmouth and Paducah enrichment plants. As most people at Y-12 know, those plants were transitioned to NRC regulation. I also was executive vice president and chief operating officer of Lockheed Martin Idaho Technologies Company, and president and general manager of B&W Idaho, which was the first contract with a performance-based component in DOE. Prior to Idaho, I held a number of production jobs doing everything from engineering to shop supervision. So, almost everywhere that I've been I've gained experience with change.

Baker

Q: Why is managing change important?

A: Y-12 has a stable, growing budget and a need to renew its facilities and infrastructure, technology and skills. That leads to change.

Q: What will your responsibilities be here at Y-12?

A: As deputy general manager of programs, I'll be leading the Y-12 program offices of Readiness in Technical Base and Facilities, Campaigns, Directed Stockpile Work and Complementary Work. I'll also be responsible for coordination of budget activities.

Buddy Conner will continue his role as deputy general manager of operations. Manufacturing and Quality Assurance will report to him.

Interestingly, Buddy sat in the cubicle next to me when I went to work for B&W as an engineer.

Q: How do you see your role at Y-12?

A: Y-12 is moving toward a new future, and I'm excited to be a part of that effort. As our modernization plans go forward, it's part of my responsibility to ensure that our programs, technology and our people will be ready to make the transition to the next level of work. It's a big undertaking, more than $500 million will be spent in the next five years, but the outcome will help ensure Y-12's future work will be the best that it can be. We also need to continue to develop complementary work customers because they provide keys to leveraging capability and customers for the future.

Q: What do you consider the biggest challenges for Y-12 in the next five to ten years?

A: The bottom line for Y-12 is accomplishing our mission. We have a 20-year plan to reshape and renew the buildings and infrastructure at Y-12. While these plans progress, we will be faced with the challenge of maintaining safe and quality work performance while our environment changes around us.

Renewal also includes people. During the past quarter, we hired 53 new employees in critical skills technical positions. We're looking forward to hiring 18 more this year.

We have a number of forward-looking plans aimed at introducing new technology to our manufacturing and business processes. In 2001, for the first time, we were permitted to set aside up to two percent of our budget for site-directed research and development. Our long-range plan calls for an allocation increase from $60 million per year to $100 million per year in campaigns to pay for technology driven program improvements.

Although we will be experiencing all these changes, we must remain focused on our mission and continue to strive for excellence. I believe we can do it.

Q: On a lighter note, how are you getting settled in East Tennessee?

A: Recently, I attended the "Tennessee Means Technology" conference in Nashville and spoke with a number of state officials, including the deputy govenor. East Tennessee will be a great asset in economic growth, and an exciting place to be. The people at Y-12 and the community have been extremely friendly and cordial. My philosophy is to adopt the interests and activities of where I am and not try to make it like any place I've lived before. So, my wife and I will look forward to life in the Smokies, on the lakes and at the football games.

Changes to compensation act help workers, families

The initial Energy Employees Occupational Illness Compensation Program Act (EEOICPA) went into effect July 31. The act provides compensation of $150,000 to current or former employees or survivors and medical expenses to current or former employees who worked at DOE weapons facilities and have been diagnosed with certain specific diseases set forth in the act (certain cancers, chronic beryllium disease and silicosis from certain locations). The act covers those who worked for atomic weapons employers and beryllium vendors.

Amendments to the act were signed into law by President Bush December 28, 2001. The amendments reflect significant changes to the survivor definition. It specifically removed the age requirement for a child to be an eligible survivor under the law. In addition, other members of the employee's family may be eligible for compensation, if there is no spouse or children.

Tennessee facilities included in the act's coverage are theOak Ridge Gaseous Diffusion Plant (K-25); Oak Ridge Hospital; Oak Ridge Institute for Science Education; Oak Ridge National Laboratory; Vitro Corp. of America in Chattanooga, TN; W. R. Grace in Erwin, TN; and the Y-12 Plant.

Information regarding these and other changes may be obtained at the Energy Employees Compensation Resource Center in Oak Ridge. Call 481-0411 or toll-free 866-481-0411, if you need any additional information on the amendments or wish to file a claim.

Super computer critical to Y-12's model-based manufacturing

Preserving the past

The Manhattan computer, Y-12's high-performance computer capable of 50 billion operations per second, is home to volumes of historical and current information related to parts manufactured at Y-12.

Some of that information dates back to the early days of World War II, when Oak Ridge was still a "secret city," and Y-12 was a new site.

"We're taking historical information, stored in paper form and radiographs, and putting it in readily accessible form for those who need access to it to support their stockpile stewardship programs," said Jim Seneker, a senior staff engineer with Engineering and Technology.

Real-time quality information on parts built at Y-12 today also resides on the Manhattan computer.

"The Manhattan is home to a repository of information associated with products we produce," Seneker said. "Quality information associated with parts is collected on the shop floor and sent to a data management system that resides on the Manhattan."

The Manhattan computer serves as link to those outside Y-12 who need access to this information.

"It's a pathway for those outside Y-12 with a need-to-know," Seneker said. "Y-12 is working with the other production sites at Kansas City, Pantex and Savannah River so they can have access to high-speed computing resources. These sites can access our computer to run and develop applications and simulations for activities that span production sites, and we have access to the computers at Kansas City. We are working collaboratively through the Production ASCI, or PROASCI, program to solve problems across the complex."

The Manhattan computer also is Y-12's link to other high-performance computers at other DOE sites. Rhonda MacIntyre, principal investigator with Technical Computing, works to ensure this link remains unobstructed.

"To solve problems, you have to understand just what's going on so you can simulate it," MacIntyre said. "To simulate it, the computer has to be able to crunch the numbers, so you need hefty networks to move the massive amounts of data required. We're making sure we have the right infrastructure in place so we can be connected internally and with the other sites."

MacIntyre and her colleagues also are examining ways to ensure a more seamless information exchange between sites.

"We look at technology that enables us to exchange information with other sites more quickly," MacIntyre said. "If you wanted (to connect to a computer at) Los Alamos, it would take the exchange of pieces of paper where people sign that they have need-to-know authorization. While machines are fast, the processes surrounding getting information to and from those machines can be slow. We're looking at ways to make the process more user-friendly while at the same time ensuring its security."

The Manhattan computer—named in recognition of the project that started Y-12—is playing a key role in helping achieve the science- and model-based manufacturing vision of Y-12's future.

Manhattan's power represents a marked advance in Y-12's capability to enhance design and manufacturing efficiency and reliability. This tool for stockpile stewardship and other national security missions is a collaboration between Y-12 and the National Nuclear Security Administration's Advanced Simulation and Computing Campaign.

"This is a key element in the modernization of Y-12 technology," said Jim Snyder, Advanced Simulation and Computing campaign manager. "At this point, people are connecting with the idea of new buildings. A less visible but equally important element of modernization is the infusion of new technologies and skills to develop and support the improved processes. This is a clear example of science and technology being brought to the table to support the Y-12 National Security mission. It's not a pipe dream—it's being delivered now."

Vince Lamberti, left, of Y-12 Development and Susan Turner of Criticality Safety discuss the use of the Manhattan computer.

The 50 billion operations per second computer—online at Y-12 since September 1998—has 96 processors, 13 gigabytes of memory, 700 gigabytes of disk storage and approximately 30 terabytes of tape-storage capacity.

These high-speed capabilities are applied in a variety of settings at Y-12. From virtual prototyping and process simulation to advanced material modeling and digital data storage, the Manhattan computer puts a power formerly reserved for research environments in the hands of production and engineering specialists who apply that power to solve real-world problems.

Susan Turner, an engineer with Criticality Safety, uses the computer to perform shielding calculations, which determine the number and location of Criticality Accident Alarm System (CAAS) detectors in buildings that house special nuclear material (SNM).

"Typically, a building storing SNM is made of concrete and/or steel," Turner said. "If I place a CAAS detector on the opposite side of a concrete wall from where SNM is stored, and there is a criticality accident involving the SNM, I must be able to prove the CAAS detects the accident, even though the concrete may be shielding most of the neutron and gamma particles (produced in the accident). The workers need to hear the CAAS alarm to promptly evacuate the area. This proof is very difficult without sophisticated computer simulation and calculations."

Turner factors in certain variables—thickness of the wall, size of the criticality accident and the potential location and number of the CAAS detectors— to arrive at a result. Using the Manhattan computer and transport codes developed by Oak Ridge and Los Alamos national laboratories, Turner creates a model of the building, which includes the neutron/gamma source and the proposed CAAS detector locations. In a matter of seconds, minutes or a few hours—depending on the size of the problem—the Manhattan computer can tell Turner the number of particles per unit area of the building and at the detector site, as well as the

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Y-12 paying attention to historic preservation planning

The history of the Manhattan Project is getting a lot of attention these days, and Y-12 plays a significant role in that history.

In June, the History Channel will broadcast a one-hour segment on the project. Several Oak Ridge residents were interviewed for the documentary. The East Tennessee Economic Council is proposing a history of the Atomic Age.

The Department of Energy has selected eight 'signature facilities' complexwide that best describe and explain the Manhattan Project activities. Three of these signature facilities—Y-12's Building 9201-3, the K-25 Building and the Graphite Reactor—are located in Oak Ridge.

History is one reason preservation planning is receiving its due attention while proposed infrastructure reduction and modernization projects are going forward.

"Of the approximately 520 buildings at Y-12, 93 are eligible for listing in the National Register of Historic Places, which is the official listing of our nation's historic properties. Of those 93 buildings, 88 are located within the Y-12 Plant National Register Historic District," said Mick Wiest, a Y-12 environmental engineer and member of the Oak Ridge Reservation Cultural Resource Coordinators Team.

"Realistically, it is not feasible to save all 93 buildings, but some should be saved for future generations to understand and appreciate the place of World War II and the Cold War in our history. Some buildings should be preserved for their historical value and reused. We don't want these buildings to be empty or to be used as museums. They need to be used," Wiest said. Y-12 has two buildings (9204-3, a.k.a. Beta-3, and 9731) that are eligible to be National Historic Landmarks because of their roles in uranium enrichment and the production of stable isotopes.

Wiest said, "In the modernization plan, those two buildings and others will be considered for reuse." DOE recognizes the historical value of the buildings at Y-12 but has made no commitments regarding preservation of specific buildings.

DOE is the caretaker for the Oak Ridge properties and, as the steward of the public property, is responsible for long-range preservation planning. The National Historic Preservation Act of 1966 requires that all federal agencies consider the impact of their actions on historic properties and allow the Advisory Council on Historic Preservation an opportunity to provide comment. It also emphasizes stakeholders' involvement.

According to Wiest, for a building to be considered for listing under the National Historic Preservation Act, sites must evaluate (1) the people who worked in the buildings, (2) the projects in which the plant was involved at the time, and (3) the artifacts, such as objects, equipment or machinery, left behind.

"The law requires that we evaluate the contents as well as the building itself. We can't preserve everything. We have to choose the best of what's available," he said.

Wiest emphasized that compliance is not an obstacle but a simple five-step process that needs to be followed. All federal agencies must survey and inventory their properties to determine which ones have historical significance and are eligible for listing in the National Register of Historic Places.

These properties, by law, should be maintained and preserved following the guidelines of 36 CFR 800 (known as the Section 106 process). Evaluation of all proposed projects and their impact on these historical properties must be done in conjunction with the State Historic Preservation Office in Nashville and the Advisory Council on Historic Preservation Office in Washington, D.C., before the project can proceed.

The Oak Ridge Reservation Cultural Resource Coordinators Team—made up of representatives from the "K, X, and Y" sites and DOE—oversees all preservation issues. Jennifer Webb is Y-12's contact, and Wiest serves as an at-large member of the team, addressing issues that fall outside the normal boundaries, such as archaeological materials issues.

"It is our responsibility to preserve some of our irreplaceable history as we move into the future," Wiest said.

Y-12 employees with may contact Webb (jen) at 576-5715 for information regarding buildings or items

Historic 9204-3, also known as Beta 3, still houses some of the calutron machinery. The electromagnetic process was one of the first successful methods for separating large quantities of uranium. The facility began operating at Y-12 in 1944. Also shown above are the control-room panels where many operators were required to monitor the processes.

Manhattan

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absorbed radiation dose at the detector site. Previously, calculations using existing computers took weeks or months.

"Manhattan can track more particles at a time, using multiple parallel processors, saving us time and money," Turner said. "More importantly, the new building design and storage process is created in-house."

Vincent Lamberti, a senior member of the Technology Development staff, applies the Manhattan computer to heavy metals casting.

"We work with a variety of materials," Lamberti said. "Y-12 has a good track record for casting objects for our customers. But procedures for this work are empirical—as people leave and equipment changes, knowledge is lost."

"We want to be able to use simulations to lend guidance to the Y-12 foundry," he said. "Our ultimate goal is to place a gateway to the Manhattan computer on the foundry floor, where a worker would enter a shape and a material into the computer and receive a set of instructions, such as 'heat at this rate, pour at that rate.' These calculations are very intensive. To accomplish them, we need the power of the Manhattan."

Lamberti hopes the Manhattan computer's capabilities will lead to fewer part failures and less material waste. "You can avoid a lot of foundry trial and error," he said. "And there's less exposure of workers to possibly dangerous materials and methods."

What is ergonomics?

Ergonomics is the science of fitting the job to the worker. When there is a mismatch between the physical requirements of the job and the physical capacity of the worker, work-related musculoskeletal disorders (WMSDs) can result. Workers who must repeat the same motion throughout their workday, perform their work in an awkward position, use a great deal of force to perform their jobs, repeatedly lift heavy objects or face a combination of these risk factors are most likely to develop WMSDs.

Musculoskeletal disorders (MSDs). MSDs are injuries and disorders of the muscles, nerves, tendons, ligaments, joints, cartilage and spinal disks.

Signs of WMSDs are objective physical findings. Examples include decreased range of motion, decreased grip strength, loss of function, deformity, swelling, cramping, redness or loss of color.

Symptoms (of WMSDs) are physical indications that you may be developing an WMSD. Symptoms can vary in their severity depending upon the amount of exposure. Often symptoms appear gradually as muscle fatigue or pain at work that disappears during rest. Usually symptoms become more severe as exposure continues (e.g., tingling continues when at rest, numbness or pain makes it difficult to perform the job and, finally, pain is so severe that performing physical work activities is impossible).

If you'd like to know more about the Y-12 Ergonomics Program, contact Melissa Rich, program manager, at 576-6461.

It's about being more than being comfortable

Safety Spotlight

Everyone likes to be as comfortable as possible when they do their work. For the employees in the 9737 Breaker Shop, who routinely work with 150-300 lbs. items for up to eight hours, ergonomics can be an especially critical issue.

In a recent internal survey done of the shop, Bill Sliski of Industrial Hygiene told Breaker Shop supervisor Mike Bullen and his employees that some of the items they used for their work (tables, chairs, etc.) did not meet acceptable standards. A change had to be made.

Mike, with the help of Richard Yeats, Leon Gunter and Jim Pate, members of the Breaker Shop, conducted a brainstorming session to try to identify the ideal equipment they wanted to help them get their job done more effectively and safely. To truly meet their unique criteria, the team decided that their tables, chairs and other tools would have to be custom fabricated. They sketched some rough designs and wrote down the specs of the equipment they wanted.

Richard Yeats, an electrician in the 9737 Breaker Shop, sits at one of the ergonomically built tables that was custom made by the 9720-6 Fabrication Shop. Yeats drew a rough sketch of the table for fabrication shop personnel to give them an idea of what specifications the electricians were needing.

The Breaker Shop Crew took their ideas to the 9720-6 Metal Fabrication Shop to see if the designs were feasible. The fabrication shop agreed to construct shop pieces based on their needs and using their rough sketches. A short while later, the custom-made pieces were delivered to the Breaker Shop.

A key component of the new tools was mobility. For instance, to reduce lifting and moving heavy breakers, all the tables were fitted with heavy-duty casters so that they simply can be wheeled from station to station. Other tables with casters do exist, but these tables are specially designed to accommodate the heavy loads often seen in the shop.

Using the right tool for the job is an integral part of the ISMS process. The employees in the Breaker Shop are much less likely to sustain a lifting or crushing injury with these new tools. If you have concerns about your workspace or tools, call Industrial Hygiene at576-7182.

DOE, contractors plan events for Black History Month

Programs and activities that recognize the African experience as well as the contributions of African-Americans are planned in celebration of Black History Month by DOE and local DOE contractors.

The theme of this year's annual observance of Black History Month is "Keeping the Connection: Building on the Past and Focusing on the Future."

Events planned include:

• Knoxville College roundtable discussion February 27 at 4 p.m. at the Knoxville College campus. Faculty members will meet with DOE and local contractors to discuss the needs of the college.

• Scholarship luncheon February 28 at 11:30 a.m. at the Crown Court at Oak Ridge Mall. Keynote speaker, Caesar Andrews, the editor and chief executive of Gannet News Service, will deliver an address on "keeping the connection." Andrews is a former editor with *USA Today,* where he held positions as deputy managing editor for special sections, assistant national editor and chief states editor.

Recognition of the winners of the middle-school essay contest at the scholarship luncheon February 28. Essays in the contest were to be written on the topic, "What African-American in the 1970s made the greatest impact on my life and why?" Brian Egeston will be providing entertainment at the luncheon along with a gallery of black authors signing books. Rose Weaver of Wackenhut Services Inc., Daryl Green, DOE Blacks in Government, and Katatra Day, DOE Black Employment Program, served as team leaders for this event.

Deadlines for parent company scholarship programs coming soon

Here it is—all the information about the McDermott Scholarship, the Bechtel scholarships, and the ConSern Scholarship programs. Applications can be obtained by calling the OneCall Center at 574-1500 unless otherwise listed below.

McDermott Company Scholarship Program

Effective November 1, 2001, children of BWXT Y-12, L.L.C., employees with at least three years' Y-12 site service (company service date on or before November 1, 1998) will be eligible to participate in the McDermott Scholarship Program. Scholarships are offered by McDermott Corporation to high-school students graduating before September 22, 2002, who elect to major in disciplines (e.g., engineering, mathematics, computer science, physics, business, finance, etc.) related to the needs of the company.

McDermott will award up to twenty, four-year scholarships each year to children of company employees. Winners will be selected by a committee of McDermott employees and will receive $1,500 a year for up to four years. Each scholarship will be reviewed annually for renewal. Selection of scholarship recipients shall be based on the following: academic achievement, relevance of career interests to company interests and financial need. The application deadline is March 15, 2002.

Bechtel Systems and Infrastructure, Inc. (BSII) Citizen Scholars Program

BSII has established a scholarship program to assist employees' children who plan to continue education in college or vocational school programs. Scholarships are offered each year to high-school seniors who plan to continue full-time study at an accredited institution. The program is administered by Citizens' Scholarship Foundation of America, Inc. (CSFA). CSFA is a nonprofit organization that assists the private sector in expanding educational opportunities and encouraging educational achievement.

Applicants must be children of BSII employees as follows:

• Full-time transitioned employees with at least one year of combined service with BSII and the previous incumbent or

• Transitioned craft (hourly) employees with at least 1,000 hours during the previous 12 months of combined service with BSII and the previous incumbent.

Twenty-two scholarships will be granted: twenty awards of $2,000 each and two awards of $5,000 each to the two top recipients. Awards are for undergraduate studies only. Applications must be postmarked by April 3, 2002.

Bechtel Global Scholars Awards Program

The Bechtel Foundation will offer scholarships to first-time college and university students who plan to enroll in full-time undergraduate study at an accredited two- or four-year college, university, or vocational-technical school. Program participation is open to the children of all salaried, non-manual employees worldwide who have at least one year of service as of the application deadline.

The program is administered by Scholarship Management Services, a department of CSFA.

Up to twenty-five scholarships will be awarded each year. Scholarships will be up to $2,000 each, not to exceed the cost of one year's educational expenses. Awards are for undergraduate study and are for one year only. Awards are not renewable. Applications must be postmarked by April 3, 2002.

2002 ConSern Scholarship Program

Employees and their family members may be eligible to apply for a ConSern scholarship. Eligible applicants are those who will be students attending an undergraduate, graduate, or professional program at an accredited college or university in the fall of 2002.

An independent third party will randomly choose scholarship recipients. No GPA, class rank or SAT scores are required. Recipients may apply the funds toward any education expenses, including tuition, room and board, books, supplies and fees.

Visit www.collegiate.org for official rules and to complete an online application. (Select Bechtel as the sponsor company.) The application deadline is April 30, 2002.

Another question answered from recent all-hands meetings

Many questions were asked at the January sessions held by BWXT Y-12 President and General Manager John Mitchell. Some questions required more information than was available at the meetings, therefore they were passed on to more adequate sources of information.

One such question involved a concern regarding the lighting situation around the front of the fire station at Y-12. Paul Wasilko of Facilities, Infrastructure and Services said that a mecury vapor light has been ordered by Maintenance. No date has been set for installation.

Service Anniversaries

35 years

Joseph W. Bryan, Facilities, Infrastructure and Services

30 years

Clara Y. White, Engineering and Technology; Donald E. Roberts, Facilities, Infrastructure and Services; Firman R. Brock, Herbert D. Moulden and Larry M. Greene, Manufacturing

25 years

Amy L. Harkey, Donna R. Lawson and Thomas C. Minga, Business and Information Systems; Dale W. Hatcher, Pamelia E. Ivey and Richard E. Igou, Engineering and Technology; Thomas E. Walker, Environment, Safety and Health; Allan E. Ladd, Andrew P. Murphy, David L. Pyatt, Harold G. Rutherford, Jackie Williams, James E. Roop, Joel C. Boland, Judith G. Baker, Marshall Stout, Robert B. Culpepper and Timothy E. Wright, Facilities, Infrastructure and Services; David W. Liles, Linda K. Williams, Malinda M. Fellers and William M. Farmer, Financial Management; Danny R. Mitchell, David E. Gibbs, Gary L. Ward, Jerry D. Johnson, John A. Vanlandingham, Thomas E. Sherrod and William B. Stephens Jr., Manufacturing; Frank R. Trent and William G. Hodges, Planning and Integration; Alan C. Hamilton, Jetter L. Marshall, Robert W. Smithwick III and Stonewall J. Van Hook II, Quality Assurance

20 years

David K. Davidson, Donnie R. Anderson, Henry Campbell and Teresa D. Lawlor, Facilities, Infrastructure and Services; Carl D. Hill, Jr. and Kathy L. Warren, Manufacturing; Richard B. Riker, Quality Assurance

What's News

MEDIC blood drive coming in March

A Y-12 MEDIC blood drive will be held March 7, 8, 11 and 12, in Building 9723-24. A mobile unit will be outside Central Portal for the convenience of the west-end employees. Both locations will be open from 8 a.m. to 4 p.m. T-shirts will be given to all donors. For more information, contact Mary Bates, 574-0896; Alice Brandon, 576-2963; or the Public Relations Office, 574-1640.

Security training a must to get in the gate

DOE Order 470.1, "Safeguards and Security Program," requires that all cleared employees, subcontractors and consultants complete an annual security refresher program, which is designed to remind personnel of their continuing security responsibilities.

Directorates are required to obtain a training deficiency report from their Training Working Group representative for their employees, subcontractors and consultants to determine deficiencies in this program. Cleared employees, subcontractors and consultants who do not complete this program will be removed from the badge reader system until they have completed the program.

This program can be accessed through the CCE Web-based training page on the internal Web. Paper copies are available for those who do not have Web access. Employees completing the program via paper should make a copy of the acknowledgement page and fax it to David Willis, 220-9701.

Aluminum Beverage Can charity nominations requested

The Y-12 Recycling Program and Aluminum Beverage Can (ABC) Committee is accepting nominations for $200 donations to local charities. All revenue received from the sale of ABC cans are donated to charity. Because ABCs are property of the employees, all Y-12 Complex employees are eligible to submit nominations. If you wish to nominate a charity, send the following information to Ron Walton via email (waltonrm@y12.doe.gov) or plant mail (Bldg. 9711-5, MS 8171):

- name, address and phone number of the nominated organization or charity;
- the director or contact person for the organization/charity;
- a brief description of the services the organization provides;
- how the organization plans to use the money; and
- the work address and phone number of the Y-12 employee nominating the organization/charity.

Donations will be distributed April 23 in conjunction with Earth Day festivities. All nominations must be received by March 1.

Get those clubs swinging

It's almost time for the Y-12 Labor/Management Golf Tournament. The four-man swat will be held Saturday, May 4, with a rain date of May 11. The shotgun start will be at 7:30 a.m. at the Centennial Golf Course (soft spikes required). The cost is $55 per person (lunch included), and prizes include first-, second- and third-place teams; longest drive; hole-in-one; closest to pin (par 3s); and straightest drive.

The tournament will be limited to the first 25 registered teams. The deadline for registration is April 15. Lunch can be provided for non-golfers for $7. For more information, contact Steve Jones (873-4472), Clyde Kelly (576-6165), Garry Whitley (574-0528) or Dick Hochanadel (574-1371).

Why settle for one award when you can have two?

BWXT Y-12 Deputy General Manager of Operations Buddy Conner, at left, holds one of the two awards presented to Y-12 at the Labor-Management Conference. Atomic Trades and Labor Council President Carl "Bubba" Scarbrough, at right, holds the other award presented to a number of organizations for their contributions of funds and personnel to the Kids' Palace, a large wooden play structure located in Claxton. The award recognized BWXT Y-12, the ATLC, Bechtel Jacobs Company, Canberra, Duratek Federal Services, the Knoxville Building and Construction Trades Council, Lockheed Martin Energy Systems, UT-Battelle, The Washington Group, Wes-Kem and the Claxton Optimist Club Because of BWXT Y-12's extensive involvement in the Labor-Management Conference, the company also received the "Highest Contributor Award."

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